Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061221\
Data File : BG048914.D
Acq On : 12 Jun 2021 15:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 03:15:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	42969	20.000	ng		0.00
21) Naphthalene-d8	10.952	136	180242	20.000	ng	#	0.00
39) Acenaphthene-d10	14.771	164	134127	20.000	ng		0.00
64) Phenanthrene-d10	17.521	188	301436	20.000	ng	#	0.00
76) Chrysene-d12	21.816	240	283229	20.000	ng	#	0.00
86) Perylene-d12	25.159	264	284748	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.670	112	201337	72.940	ng		0.00
7) Phenol-d6	7.268	99	301853	72.961	ng		0.00
23) Nitrobenzene-d5	9.301	82	304157	72.764	ng		0.00
42) 2,4,6-Tribromophenol	16.257	330	111622	56.171	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	643186	67.742	ng		0.00
79) Terphenyl-d14	20.129	244	1044718	67.553	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.549	88	49502	36.734	ng	#	81
3) Pyridine	3.960	79	136587	37.364	ng		90
4) n-Nitrosodimethylamine	3.866	42	72142	41.210	ng	#	72
6) Aniline	7.450	93	191371	36.731	ng		94
8) 2-Chlorophenol	7.685	128	110736	36.397	ng		83
9) Benzaldehyde	7.262	77	75053	35.059	ng		89
10) Phenol	7.297	94	157611	36.876	ng		90
11) bis(2-Chloroethyl)ether	7.544	93	111941	35.299	ng		81
12) 1,3-Dichlorobenzene	8.020	146	125524	36.933	ng		98
13) 1,4-Dichlorobenzene	8.167	146	122461	36.141	ng		98
14) 1,2-Dichlorobenzene	8.490	146	118918	36.482	ng		91
15) Benzyl Alcohol	8.367	79	136137	35.930	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.660	45	221348	36.890	ng		81
17) 2-Methylphenol	8.561	107	101409	36.180	ng		97
18) Hexachloroethane	9.224	117	51292	37.733	ng		97
19) n-Nitroso-di-n-propyla...	8.942	70	115082	35.587	ng	#	96
20) 3+4-Methylphenols	8.890	107	140132	36.567	ng		96
22) Acetophenone	8.960	105	194044	35.386	ng	#	98
24) Nitrobenzene	9.342	77	170622	36.237	ng		97
25) Isophorone	9.871	82	308810	33.911	ng		97
26) 2-Nitrophenol	10.059	139	60314	37.763	ng		96
27) 2,4-Dimethylphenol	10.106	122	99936	34.510	ng		98
28) bis(2-Chloroethoxy)met...	10.353	93	144234	34.205	ng		93
29) 2,4-Dichlorophenol	10.588	162	110093	33.888	ng		91
30) 1,2,4-Trichlorobenzene	10.817	180	127859	34.327	ng		99
31) Naphthalene	11.005	128	369486	34.410	ng		99
32) Benzoic acid	10.217	122	73316	38.762	ng		84
33) 4-Chloroaniline	11.105	127	155921	34.199	ng		98
34) Hexachlorobutadiene	11.293	225	90442	34.068	ng		91
35) Caprolactam	11.892	113	33727	35.914	ng	#	52
36) 4-Chloro-3-methylphenol	12.209	107	137048	34.512	ng	#	89
37) 2-Methylnaphthalene	12.603	142	275494	33.967	ng		97
38) 1-Methylnaphthalene	12.826	142	264104	34.684	ng		97
40) 1,2,4,5-Tetrachloroben...	12.967	216	140979	33.101	ng		98
41) Hexachlorocyclopentadiene	12.955	237	93003	33.968	ng		91
43) 2,4,6-Trichlorophenol	13.202	196	101069	35.467	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.273	196	106523	36.150	ng		87
46) 1,1'-Biphenyl	13.608	154	335183	33.896	ng		97
47) 2-Chloronaphthalene	13.649	162	266844	33.792	ng		98
48) 2-Nitroaniline	13.843	65	104563	38.161	ng		93
49) Acenaphthylene	14.495	152	446385	33.923	ng		96
50) Dimethylphthalate	14.224	163	355111	33.989	ng		100
51) 2,6-Dinitrotoluene	14.336	165	79066	37.160	ng		90
52) Acenaphthene	14.836	154	289545	34.139	ng		92
53) 3-Nitroaniline	14.665	138	77163	35.821	ng	#	74
54) 2,4-Dinitrophenol	14.865	184	37409	37.957	ng		90
55) Dibenzofuran	15.170	168	439110	33.307	ng		98
56) 4-Nitrophenol	14.953	139	65107	37.073	ng	#	85
57) 2,4-Dinitrotoluene	15.123	165	108631	41.566	ng		94
58) Fluorene	15.817	166	361209	33.505	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.388	232	102789	34.461	ng	#	98
60) Diethylphthalate	15.588	149	381594	33.723	ng		97
61) 4-Chlorophenyl-phenyle...	15.811	204	192972	34.232	ng		97
62) 4-Nitroaniline	15.828	138	78732	36.140	ng	#	77
63) Azobenzene	16.105	77	436892	33.744	ng		87
65) 4,6-Dinitro-2-methylph...	15.887	198	58675	41.048	ng		94
66) n-Nitrosodiphenylamine	16.022	169	319465	34.008	ng		96
67) 4-Bromophenyl-phenylether	16.704	248	107024	28.435	ng		97
68) Hexachlorobenzene	16.821	284	136358	33.426	ng		95
69) Atrazine	16.968	200	111649	37.028	ng		96
70) Pentachlorophenol	17.162	266	86636	35.338	ng		95
71) Phenanthrene	17.562	178	568314	33.507	ng		98
72) Anthracene	17.656	178	570110	33.450	ng		98
73) Carbazole	17.920	167	551290	33.745	ng		97
74) Di-n-butylphthalate	18.484	149	621456	33.916	ng		98
75) Fluoranthene	19.571	202	691470	33.808	ng		97
77) Benzidine	19.742	184	259592	45.497	ng		97
78) Pyrene	19.930	202	686637	33.401	ng		96
80) Butylbenzylphthalate	20.817	149	269590	34.758	ng		94
81) Benzo(a)anthracene	21.798	228	687731	33.819	ng		99
82) 3,3'-Dichlorobenzidine	21.704	252	233824	35.956	ng		99
83) Chrysene	21.863	228	672542	34.493	ng		97
84) Bis(2-ethylhexyl)phtha...	21.710	149	380419	34.409	ng		97
85) Di-n-octyl phthalate	22.973	149	648739	34.598	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.995	276	762074	35.562	ng	#	91
88) Benzo(b)fluoranthene	24.095	252	708500	34.904	ng	#	96
89) Benzo(k)fluoranthene	24.166	252	681844	35.404	ng	#	97
90) Benzo(a)pyrene	25.006	252	648170	34.981	ng	#	97
91) Dibenzo(a,h)anthracene	29.072	278	640979	35.789	ng	#	96
92) Benzo(g,h,i)perylene	30.182	276	645465	35.740	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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